

# **METHOD OF PRODUCING A BEARING HOUSING FROM A WORN HOUSING, AND FIXTURE IMPLEMENTING SUCH A METHOD**

## **Abstract**

14A method of producing a bearing housing from a worn housing extending along an axis and having an intermediate portion; four end portions located at opposite axial ends of the intermediate portion; and an inner shield, the ends of which are integral with the intermediate portion and one end portion. According to the method, the intermediate portion and the shield are detached from the end portions and replaced with a new shield and a new intermediate portion, whereas the end portions are used again; and, to weld the new intermediate portion to the salvaged end portions, a fixture is provided for ensuring the necessary parallelism, squareness, flatness, concentricity, and dimensions of the portions.